



(Modified) PTO/SB/08A-B (10-96)
Approved for use through 10/31/99. OMB 0650-0031

Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	09/696,893
	Filing Date	October 26, 2000
	First Named Inventor	Fred Cohen
	Group Art Unit	2452 ZKS
	Examiner Name	Unassigned K Dms
Attorney Docket Number		511-000110US

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Technology Center 2000

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
LED	AA	5,032,979		Hecht et al.	07-16-1991	
	AB	5,414,833		Hershey et al.	05-09-1995	
	AC	5,488,715		Wainwright	01-30-1996	
	AD	5,557,742		Smaha et al.	09-17-1996	
	AE	5,606,668		Shwed	02-25-1997	
	AF	5,621,889		Lermuzeaux et al.	04-15-1997	
WD	AG	5,796,942		Esbensen	08-18-1998	

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T	
WD	AH	HASENSTEIN, M.; DIPLOMARBEIT, IP Network Address Translation, http://www.suse.de/~mha/HyperNews/get/linux-ip-nat.html (1997) 32 pages		
	AI	Microsoft TechNet; SNA Open Gateway Architecture, http://www.microsoft.com/TechNet/sna/technote/soga.asp , pages 1-20		
	AJ	Gateways, http://www.sohointer.net , 15 pages		
	AK	ComSoft Knowledge Share; http://www.vicomsoft.com/knowledge/reference/firewalls1.html , pages 1-10		
	AL	Microsoft Windows 2000 Server Documentation http://www.windows.com/windows2000/en/server/help/sag_ras-ch2-adv_11.htm , 1 page		
	AM	Cisco IOS Network Address Translation (NAT) http://www.ieng.com/warp/public/701/60.html , pages 1-9		
WD	AN	ENTERASYS Networks, Network Address Translation, http://www.enterasys.com/products/whitepapers/ssr/network-trans/ pages 1-6		

Examiner Signature	K Dms	Date Considered	4/12/05
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	Application Number	09/696,893
	Filing Date	October 26, 2000
	First Named Inventor	Fred Cohen
	Group Art Unit	2162 2151
	Examiner Name	Unassigned K. Dinh
	Attorney Docket Number	511-000110US

UD	AO	WINKLER, J.R., A Unix Prototype For Intrusion And Anomaly Detection In Secure Networks, <u>Proceedings, National Computer Security Conference</u> , Washington D.C. Oct. 1990, Planning Research Corp.	
	AP	SEBRING, M.M, et al. Expert Systems In Intrusion Detection; A Case-Study, Proceedings of the 11 th National Computer Security Conference, 1988, pp 74-81	
	AQ	DEBAR, H., et al. A Neural Network Component For An Intrusion Detection System, Proceedings of the 1992 IEEE Computer Society Symposium on Research in Security and Privacy, Cedex, France, 1992 pp 240-250	
	AR	DOWELL, C., et al. The ComputerWatch Data Reduction Tool, Proceedings of the 13 th National Computer Security Conference, 1990, pp 99-108	
	AS	SNAPP, S.R. et al, DIDS (Distributed Intrusion Detection System) - Motivation, Architecture, And An Early Prototype, Proceedings of the 14 th National Computer Security Conference, 1991, pp 167-176	
	AT	TENER, William T., Discovery; An Exret System In The Commerical Data Security Environment., Originally presented at the Fourth IFIP Symposium on Information Systems Security, Monte Carlo, 1986. Also appeared in <u>Security and Protection in Information Systems</u> , ed. Andre Grissonanche, pp. 261-68. 1989 Elsevier Science Publishers, B.V. (North Holland) pages 45-53 as submitted.	
	AU	SNAPP, S.R. Signature Analysis And Communication Issues In A Distributed Intrusion Detection System, 1991, Committee in Charge, submitted in partial satisfaction of the requirements for Master of Science in Computer Science at the University of California Davis pp I-40	
UD	AV	AVRITZER, A. et al., Reliability Testing Of Rule-Based Systems, 1996 International Symposium on Software Reliability Engineering, White Plains, N.Y., October 30-November 2. (7 pages)	

Examiner Signature	K. Dinh	Date Considered	4/15/05
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	Application Number	09/696,893
	Filing Date	October 26, 2000
	First Named Inventor	Fred Cohen
	Group Art Unit	2152 257
	Examiner Name	Unassigned K. Dms
	Attorney Docket Number	511-000110US

U.S. PATENT DOCUMENTS						
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		Number	Kind Code (if known)			
WD	AA	5,966,650		Hobson, et al.	10-12-1999	

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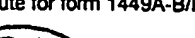
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FOREIGN PATENT DOCUMENTS								
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		Office	Number	Kind Code (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T

Examiner Signature	K Dms	Date Considered	4/15/05
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Substitute for form 1449A-B/PTO  INFORMATION DISCLOSURE STATEMENTS BY APPLICANT FEB 04 2002 (use as many sheets as necessary)	Complete if Known	
	Application Number	09/696,893
	Filing Date	October 26, 2000
	First Named Inventor	Fred Cohen
	Group Art Unit	2452 2151
	Examiner Name	Unassigned K. Dinh
	Attorney Docket Number	511-000110US

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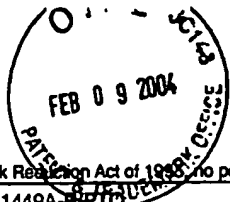
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UP	AA	Venter, H.S. et al. "Data Packet Intercepting on the Internet: How and Why? A Closer look at Existing Data Packet-Intercepting Tools" Computers & Security. International Journal Devoted to the Study of Technical and Financial Aspects of Computer Security, Elsevier Science Publishers. Amsterdam, NL vol. 17, no. 8, 1998, pages 683-692, XP004150446 ISSN: 0167-4048.	
UP	AB	Cohen F., "Simulating Cyber Attacks, Defences, and Consequences" Computers & Security, International Journal Devoted to the Study of Technical and Financial Aspects of Computer Security, Elsevier Science Publishers. Amsterdam, NL, vol. 18, no. 6, 1999, pages 479-518, XP004178853 ISSN: 0167-4048	

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PTO/SB/08A (04-03)

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Substitute for form 1449A-BP-110

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Application Number	09/696,893
Filing Date	October 26, 2000
First Named Inventor	Fred Cohen
Group Art Unit	2152-2151
Examiner Name	Unassigned K. Dinh
Attorney Docket Number	511-000110US
Date Submitted	February 6, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appear
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WD	01	BELLOVIN (1992) "There Be Dragons." Proceedings of the Third Usenix UNIX Security Symposium. Baltimore (September 1992). World Wide Web at http://www.research.att.com/~smb/papers/dragon.pdf	
I	02	CHESWICK et al. (1991) "An Evening with Berferd: In Which a Cracker is Lured, Endured, and Studied". World Wide Web at http://www.deter.com/unix/papers/berferd_cheswick.pdf .	
I	03	CISCO SYSTEMS Inc. (1999) "Cisco IOS Network Address Translation (NAT)" World Wide Web at http://www.ieng.com/warp/public/701/60.html . Pages 1-9 of 9.	
I	04	COHEN (1992) "Operating System Protection Through Program Evolution Computers and Security". World Wide Web at http://all.net/books/IP/evolve.html . Pages 1-22 of 22.	
WD	05	COHEN (1996) "A Note on Detecting Tampering with Audit Trails IFIP-TC11" Computers and Security. World Wide Web at http://www.all.net/books/audit/audmod.html . Pages 1-10 of 10.	

Examiner Signature	K. Dinh	Date Considered	4/15/05
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	First Named Inventor	Fred Cohen
	Group Art Unit	2462 2451
	Examiner Name	Unassigned K. Dink
	Attorney Docket Number	511-000110US
Date Submitted	February 4, 2004	

up	06	COHEN (1996) "A Note On Distributed Coordinated Attacks". World Wide Web at http://www.all.net/books/dca/background.html . Page 1 of 1.	
	07	COHEN (1996) "Internet Holes - Incident at All.Net". Network Security Magazine, April, 1996. World Wide Web at http://all.net/journal/netsec/1996-04.html . Page 1 -11 of 11 total.	
	08	COHEN (1996) "Internet Holes - Internet Lightning Rods" Network Security Magazine, (July, 1996). World Wide Web at http://all.net/journal/netsec/1996-07-2.html . Pages 1-5 of 5.	
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	10	COHEN (1996) "National Info-Sec Technical Baseline - Intrusion Detection and Response" World Wide Web at http://www.all.net/journal/ntb/ids.html . Pages 1-21 of 21.	
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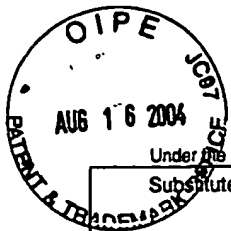
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Examiner Signature	K. Dink	Date Considered	4/15/05
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	Filing Date		October 26, 2000	
	First Named Inventor		Fred Cohen	
	Group Art Unit		2152-2151	
	Examiner Name		Khanh Q. Dinh	
	Attorney Docket Number		511-000110US	
Date Submitted		August 12, 2004		

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UN	01	COHEN (1985) "Algorithmic Authentication of Identification." Information Age, V7, #1 (Jan. 1985), pp. 35-41.			
UN	02	COHEN (1998) "Managing Network Security: The Unpredictability Defense." Located on the World Wide Web at http://all.net/journal/netsec/1998-04.html . Fred Cohen & Associates, April, 1998.			
UN	03	COHEN et al. (1998) "A Preliminary Classification Scheme for Information System Threats, Attacks, and Defenses; A Cause and Effect Model; and Some Analysis Based on That Model." Located on the World Wide Web at http://all.net/journal/ntb/cause-and-effect.html . Sandia National Laboratories, September 1998.			

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